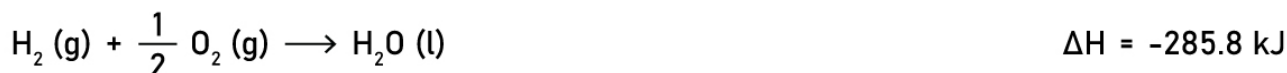
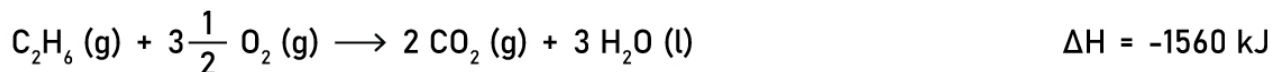
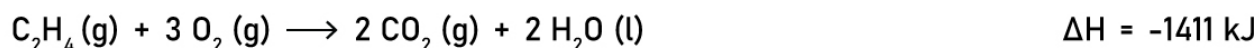
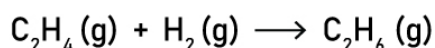


# Hess's Law Worksheet

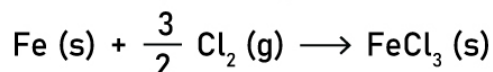
① Calculate  $\Delta H$  for the following reaction from the given data.



② Consider the enthalpy changes of the following reactions:



Calculate the enthalpy of formation  $\Delta H_f^\circ$  of  $\text{FeCl}_3$  for the given reaction:



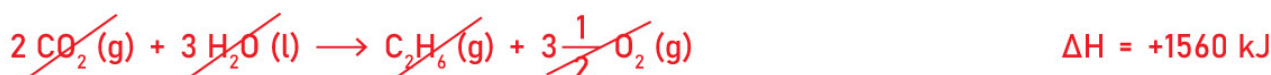
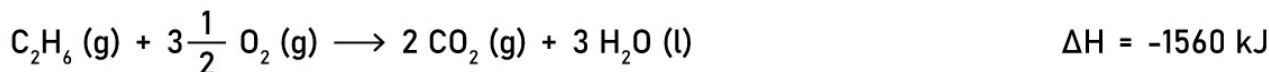
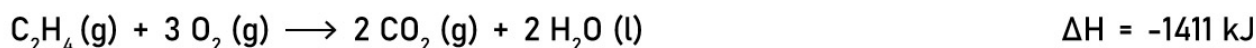
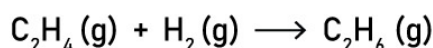
③ Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values.



# Hess's Law Worksheet

## Answers

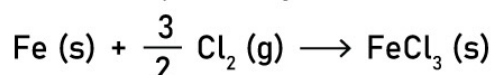
① Calculate  $\Delta H$  for the following reaction from the given data.



② Consider the enthalpy changes of the following reactions:



Calculate the enthalpy of formation  $\Delta H_f^\circ$  of  $\text{FeCl}_3$  for the given reaction:



③ Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values.

